



PATENT
Customer No. 22,852
Attorney Docket No. 09090.0002-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Darin Wayne HIGGINS et al.)	Group Art Unit: 2672
)	
Application No.: 09/821,172)	Examiner: AMINI, Javid A.
)	
Filed: March 29, 2001)	Allowed: December 14, 2004
)	
For: SYSTEM AND METHOD FOR)	Confirmation No.: 4025
SYNCHRONIZING RASTER AND)	
VECTOR MAP IMAGES)	
)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed concurrently with a Request for Continued Examination in the above-referenced application. Further, Applicants concurrently file a Petition for Withdrawal of Patent from Issue with the Office of Petitions.

Copies of the listed foreign and non-patent literature documents are attached.
Copies of the U.S. patent publications are not enclosed.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

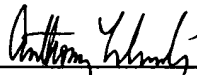
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: October 7, 2005

By: 

Anthony J. Lombardi
Reg. No. 53,232

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

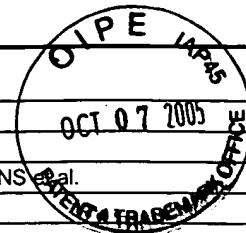
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Application Number	09/821,172
Filing Date	March 29, 2001
First Named Inventor	Darin Wayne HIGGINS et al.
Art Unit	2672
Examiner Name	AMINI, Javid A.
Attorney Docket Number	09090.0002-03

**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-4,254,467	03-03-1981	Davis et al.	
		US-4,458,330	07-03-1984	Imsand et al.	
		US-4,852,183	07-25-1989	Abe et al.	
		US-4,876,651	10-24-1989	Dawson et al.	
		US-4,899,136	02-06-1990	Beard et al.	
		US-5,018,210	05-21-1991	Merryman et al.	
		US-5,050,222	09-17-1991	Lee	
		US-5,113,517	05-12-1992	Beard et al.	
		US-5,233,335	08-03-1993	Berwin	
		US-5,274,752	12-28-1993	Kawazome	
		US-5,323,317	06-21-1994	Hampton et al.	
		US-5,396,582	03-07-1995	Kahkoska	
		US-5,406,342	04-11-1995	Jongsma	
		US-5,418,906	05-23-1995	Berger et al.	
		US-5,428,546	06-27-1995	Shah et al.	
		US-5,487,139	01-23-1996	Saylor et al.	
		US-5,608,858	03-04-1997	Kurosu et al.	
		US-5,623,679	04-22-1997	Rivette et al.	
		US-5,623,681	04-22-1997	Rivette et al.	
		US-5,631,970	05-20-1997	Hsu	
		US-5,640,468	06-17-1997	Hsu	
		US-5,659,318	08-19-1997	Madsen et al.	
		US-5,682,525	10-28-1997	Bouve et al.	
		US-5,699,255	12-16-1997	Ellis et al.	
		US-5,715,331	02-03-1998	Hollinger	
		US-5,719,949	02-17-1998	Koeln et al.	
		US-5,734,756	03-31-1998	Sherman et al.	
		US-5,748,777	05-05-1998	Katayama et al.	
		US-5,748,778	05-05-1998	Onoguchi	
		US-5,757,359	05-26-1998	Morimoto et al.	
		US-5,771,169	06-23-1998	Wendte	
		US-5,857,199	01-05-1999	Tamano et al.	
		US-5,892,909	04-06-1999	Grasso et al.	

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**INFORMATION DISCLOSURE
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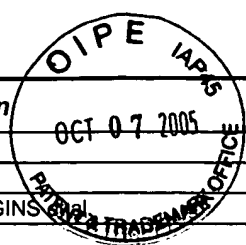
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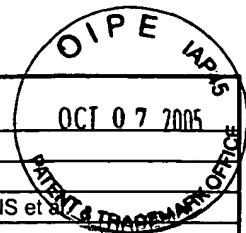
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**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

	US-5,907,630	05-25-1999	Naol et al.	
	US-5,929,842	07-27-1999	Vertregt et al.	
	US-5,929,865	07-27-1999	Balz et al.	
	US-5,930,474	07-27-1999	Dunworth et al.	
	US-5,937,014	08-10-1999	Pelin et al.	
	US-5,961,572	10-05-1999	Craport et al.	
	US-5,966,135	10-12-1999	Roy et al.	
	US-5,966,469	10-12-1999	Moon et al.	
	US-5,969,723	10-19-1999	Schmidt	
	US-5,969,728	10-19-1999	Dye et al.	
	US-5,974,423	10-26-1999	Margolin	
	US-5,978,804	11-02-1999	Dietzman	
	US-5,986,697	11-16-1999	Cahill, III	
	US-5,987,136	11-16-1999	Schipper et al.	
	US-5,987,173	11-16-1999	Kohno et al.	
	US-5,987,380	11-16-1999	Backman et al.	
	US-5,991,780	11-23-1999	Rivette et al.	
	US-5,995,023	11-30-1999	Kreft	
	US-5,999,878	12-07-1999	Hanson et al.	
	US-6,005,509	12-21-1999	Buckreuss	
	US-6,006,161	12-21-1999	Katou	
	US-6,008,756	12-28-1999	Boerhave et al.	
	US-6,044,324	03-28-2000	Boerhave et al.	
	US-6,061,618	05-09-2000	Hale et al.	
	US-6,084,989	07-04-2000	Eppler	
	US-6,119,069	09-12-2000	McCauley	
	US-6,148,260	11-14-2000	Musk et al.	
	US-6,161,105	12-12-2000	Keighan et al.	
	US-6,236,907	05-22-2001	Hauwiller et al.	
	US-6,249,742	06-19-2001	Friederich et al.	
	US-6,307,573	10-23-2001	Barros	
	US-6,377,210	04-23-2002	Moore	
	US-6,489,920	12-03-2002	Anders et al.	
	US-6,504,571	01-07-2003	Narayanaswami et al.	
	US-6,505,146	01-07-2003	Blackmer	



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/821,172
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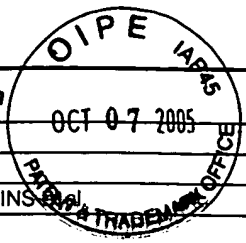
U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
		US-6,538,674	03-25-2003	Shibata et al.	
		US-6,549,828	04-15-2003	Garrot et al.	
		US-6,606,542	08-12-2003	Hauwiller et al.	
		US-6,565,610	05-20-2003	Wang et al.	
		US-6,650,998	11-18-2003	Rutledge et al.	
		US-6,678,615	01-13-2004	Howard et al.	
		US-6,785,619	08-31-2004	Homann et al.	
		US-2001/0026270 A1	10-04-2001	Higgins et al.	
		US-2001/0028348 A1	10-11-2001	Higgins et al.	
		US-2001/0033290 A1	10-25-2001	Scott et al.	
		US-2001/0033291 A1	10-25-2001	Scott et al.	
		US-2001/0033292 A1	10-25-2001	Scott et al.	
		US-2002/0035432 A1	03-21-2002	Kubica et al.	
		US-2002/0143469	10-03-2002	Alexander et al.	
		US-2002/0145617 A1	10-10-2002	Kennard et al.	
		US-2002/0147613 A1	10-10-2002	Kennard et al.	
		US-2003/0052896 A1	03-20-2003	Higgins et al.	
		US-2005/0073532 A1	04-07-2005	Scott et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 11-296540 A	10-29-1999	Nakano et al.		Yes

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		REDDY et al., "Under the Hood of GeoVRML 1.0," Proceedings of the Fifth Symposium on Virtual Reality Modeling Language (Web3D-VRML), February 2000.	
		BURTON et al., "Using High Performance GIS Software to Visualize Data: a Hands-On Software Demonstration," Proceedings of the 1998 ACM/IEEE Conference on Supercomputing (CDROM), November 1998.	
		G. WIEDERHOLD, "The Role of Government in Standards," StandardView, December 1993, Volume 1 Issue 2.	
		P. WILSON, "The Application of Computer Graphics to Environmental Planning," Proceedings of the ACM 1980 Annual Conference, January 1980.	
		CDS Mapping Systems, et al., "CDS Business Mapping," Feb. 02, 1999. http://web.archive.org/web/19990202115053/www.cdsys.com/index.html	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	09/821,172
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		<i>Examiner Name</i>	AMINI, Javid A.
		<i>Attorney Docket Number</i>	09090.0002-03
Sheet	4		4



NON PATENT LITERATURE DOCUMENTS			
		GeoPlace.com et al., "Mapping Awareness," 1999 http://web.archive.org/web/20000301085059/www.geoplace.com/archives.asp	
		JUL, et al., "Critical Zones in Desert Fog: Aids to Multi-scale Navigation," November 1998.	
		TAN, et al., "Exploring 3D Navigation: Combining Speed-Coupled Flying with Orbiting," March 2001.	
		MITCHELL, et al., "The NASA Digital Earth Testbed," November 2000.	
		RADFORD, "The Use of GIS in Flood Hazard Analysis: A Report for the City of Warwick and Project Impact," June 1999.	
		"R2V: Advanced Raster to Vector Conversion Software for Automated Map Digitizing," Able Software Corp., September 20, 1999, pages 1-4.	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.